**INDEX**

|  |  |  |
| --- | --- | --- |
| **SI.No** | **TOPICS** | **Page no.** |
| 1 | INTRODUCTION | 1-2 |
| 1.1 | Objective | 2 |
| 1.2 | Scope | 2 |
| 2 | ANALYSIS DOCUMENT | 3-18 |
| 2.1 | Identification of Need | 3 |
| 2.2 | Preliminary investigation | 3 |
| 2.3 | Feasibility Study | 4 |
| 2.4 | Project Planning | 5 |
| 2.5 | Project Scheduling | 5 |
| 2.6 | Software Requirement Specification | 8 |
| 2.7 | Software Engineering Paradigm Applied | 10 |
| 2.8 | Data models | 12 |
| 3 | SYSTEM DESIGN | 20-23 |
| 3.1 | Modularization Details | 20 |
| 3.2 | Procedural design | 22 |
| 3.3 | User Interface Design | 23 |
| 4 | CODING | 24-97 |
| 4.1 | Program Code | 24 |
| 4.2 | Algorithm | 91 |
| 4.3 | Code Efficiency | 95 |
| 4.4 | Error handling | 95 |
| 4.5 | Parameter calling/passing | 95 |
| 5 | TESTING | 98-105 |
| 5.1 | Testing Strategies And Testing Techniques Used | 98 |
| 5.2 | Test Reports | 99 |
| 5.3 | Debugging Process | 105 |
| 6 | SYSTEM SECURITY MEASURES | 106 |
| 7 | COST ESTIMATION | 107 |
| 8 | REPORTS | 108-112 |
| 9 | FUTURE SCOPE AND FURTHER ENHANCEMENT OF THE PROJECT | 113 |
| 10 | . BIBILIOGRAPHY | 114 |
| 11 | APPENDICES | 115-121 |
| 11.1 | About tools and technologies | 115 |
| 11.2 | User Manual | 118 |
| 12 | GLOSSARY | 122 |